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3. (Currently amended) The method of claim 1, wherein decoding pixel value further comprises applying the transform domain coefficients to an inverse transform.

4. (Original) The method of claim 1, wherein updating the value for each erroneous coefficient further comprises minimizing a least squares equation.

5. (Original) The method of claim 1 further comprising:
displaying the updated pixel values.

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6. (Currently amended) An apparatus comprising:
means for receiving a block of transform domain coefficients and corresponding error flags;
means for estimating an initial value for each erroneous coefficient;
means for decoding pixel values of the block using the initial values of the coefficients to create predicted decodings where there are errors and using received values of the coefficients to create partial decodings where there are no errors;
means for updating the value for each erroneous coefficient based on the partial and predicted decodings of the block; and
means for updating pixel values of the block using the updated values of the coefficients.

7. (Original) The apparatus of claim 6, wherein said means for estimating an initial value further comprises means for estimating the expected value of each erroneous coefficient.

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8. (Currently amended) The apparatus of claim 6, wherein said means for decoding pixel values further comprises means for applying the transform domain coefficients to an inverse transform.

9. (Original) The apparatus of claim 6, wherein said means for updating the value of each erroneous coefficient further comprises means for minimizing a least squares equation.

10 (Original) The apparatus of claim 6 further comprising:
means for displaying the updated pixel values.

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11. (Currently amended) A computer readable medium having instructions which, when executed by a processing system, cause the system to:

receive a block of transform domain coefficients and corresponding error flags;

estimate an initial value for each erroneous coefficient;

decode pixel values of the block using the initial values of the coefficients to create predicted decodings where there are errors and using received values of the coefficients to create partial decodings where there are no errors;

update the value for each erroneous coefficient based on the partial and predicted decodings of the block; and

update pixel values of the block using the updated values of the coefficients.

12. (Original) The medium of claim 11, wherein the executed instructions further cause the system to:

estimate the initial value by estimating the expected value of each erroneous coefficient.

13. (Currently amended) The medium of claim 11, wherein the executed instructions further cause the system to:

decode pixel values by applying the transform domain coefficients to an inverse transform.

14. (Original) The medium of claim 11, wherein the executed instructions further cause the system to:

update the value for each erroneous coefficient by minimizing a least squares equation.

15. (Original) The medium of claim 11 wherein the executed instructions further cause the system to:

display the updated pixel values.